

ABSTRACT OF THE DISCLOSURE

An optical disk drive capable of securing reliable reproduction of a wobble signal even under a constant angular velocity control of a recordable or rewritable optical disk is disclosed. The optical disk has a guide track wobbled to produce a constant frequency when the optical disk is driven under a constant linear velocity control. An optical pickup unit detects the light reflected from the optical disk, and a wobble signal reproducing section takes out a wobble signal. The wobble signal reproducing section has two band-pass filters; a first band-pass filter detects a center frequency of the wobble signal, which is caused to vary under the constant angular velocity control, and a second band-pass filter has a center frequency set to the detected center frequency whereby the wobble signal is extracted by the second band-pass filter. The extracted wobble signal is subsequently demodulated address information.